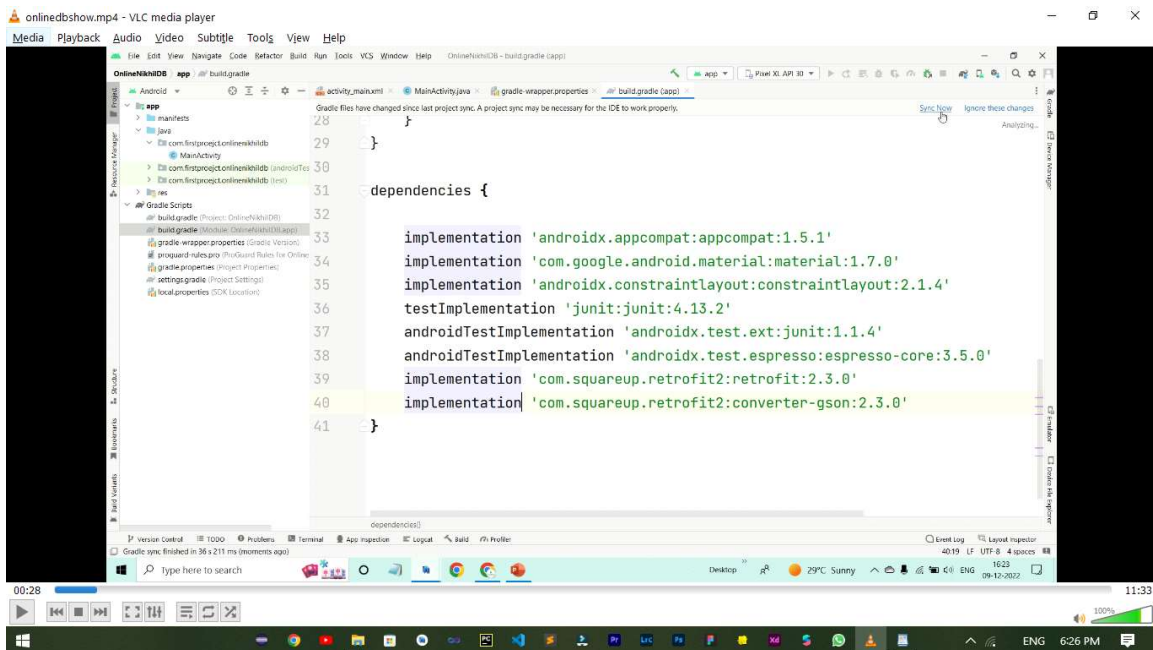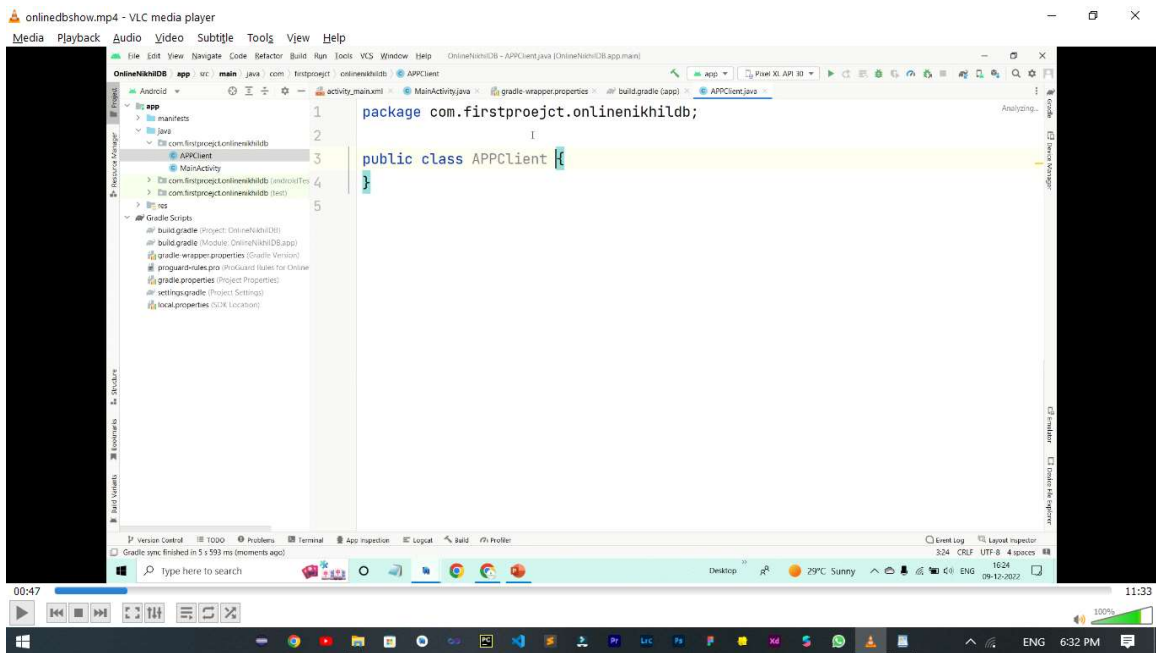# Retrofit-Show

1. gradle file in add dependency

implementation' com.squareup . retrofit2 : retrofit: 2.3.0'
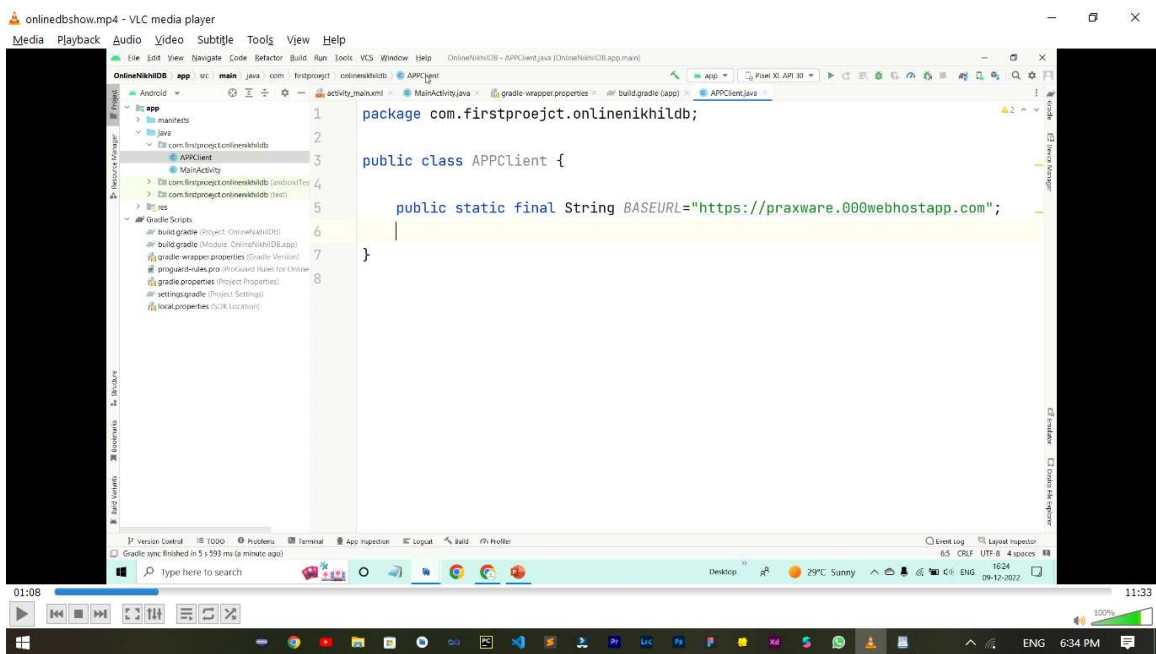
implementation' com.squareup . retrofit2 : converter-gson : 2.3 . 0'
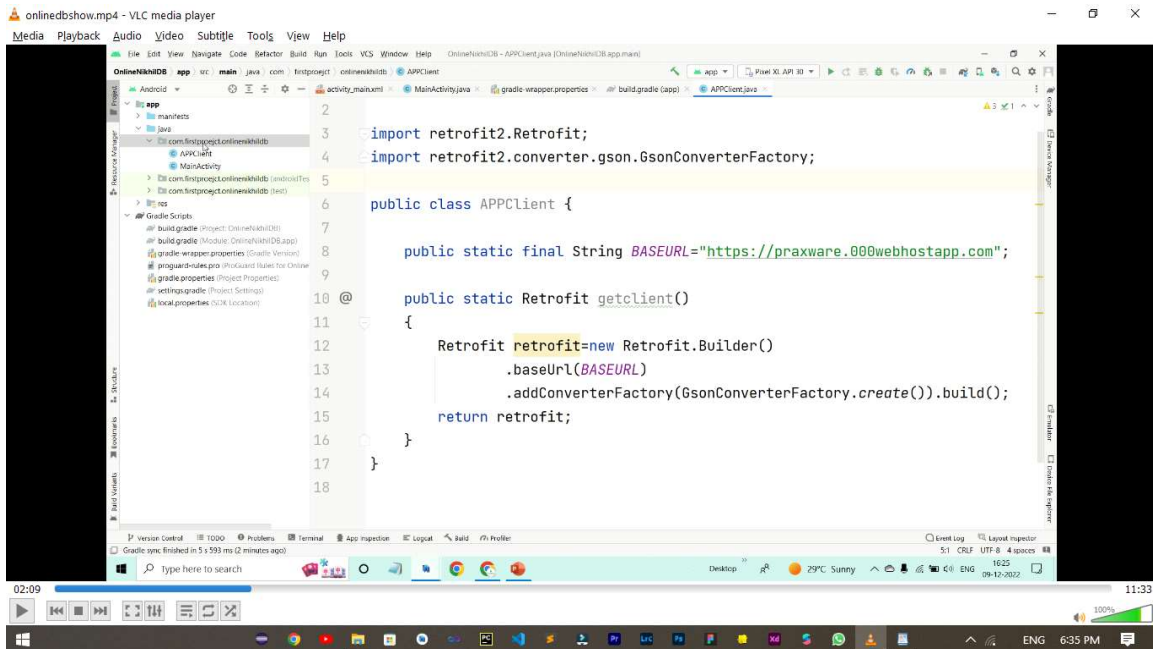

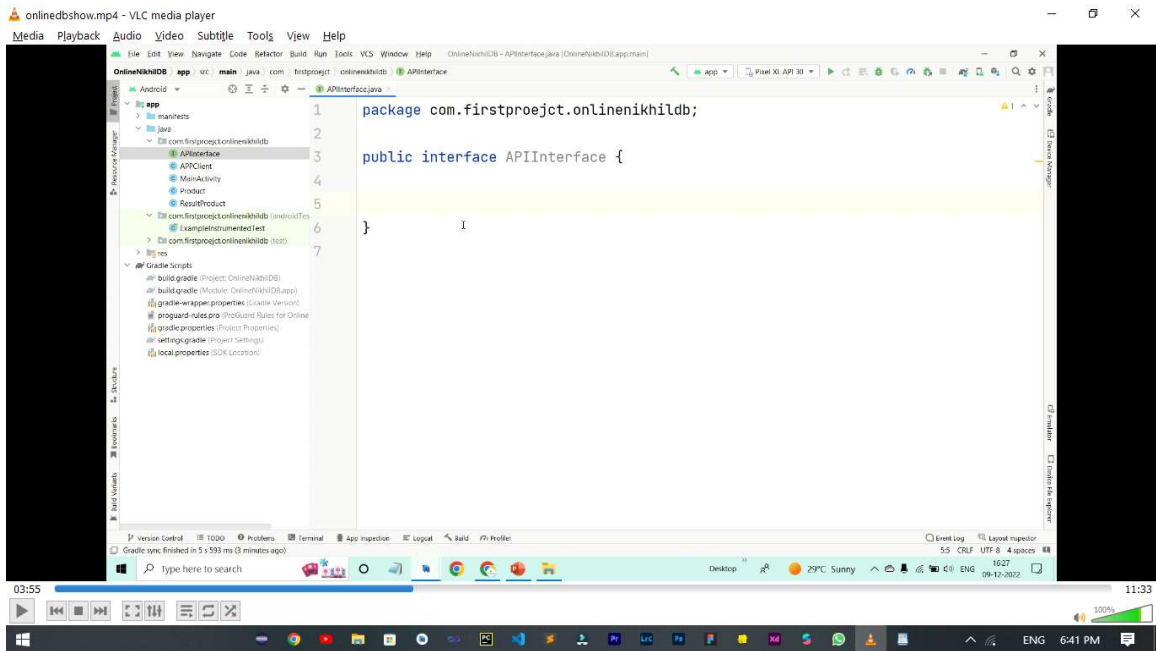## 2. Create APPClient Class

3. create base url

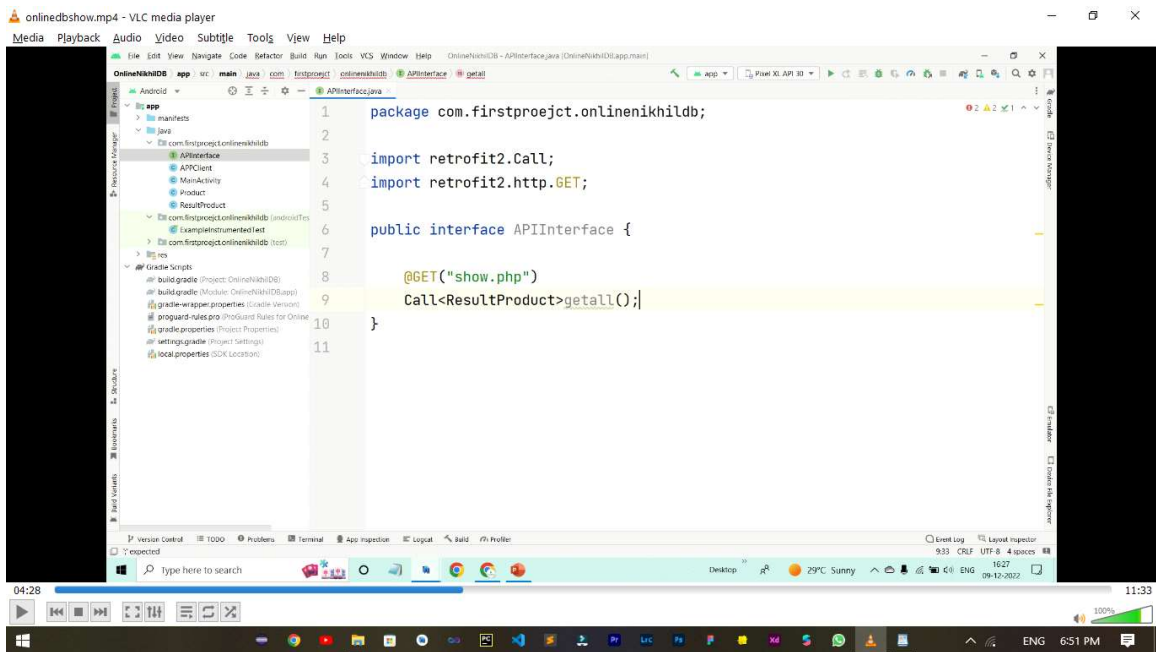# 4.create getclient()

5. json file to getter-setter method

json file copy and jsonpojo website to create getter setter method and give to two file 1.gettersetter 2. array-list result file
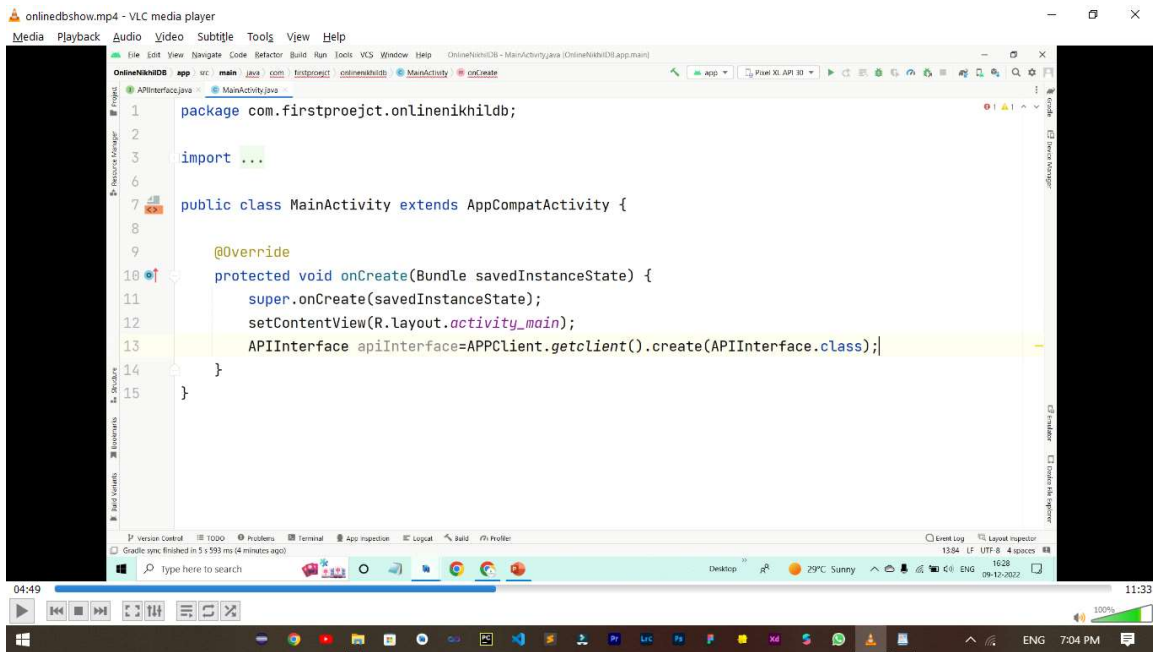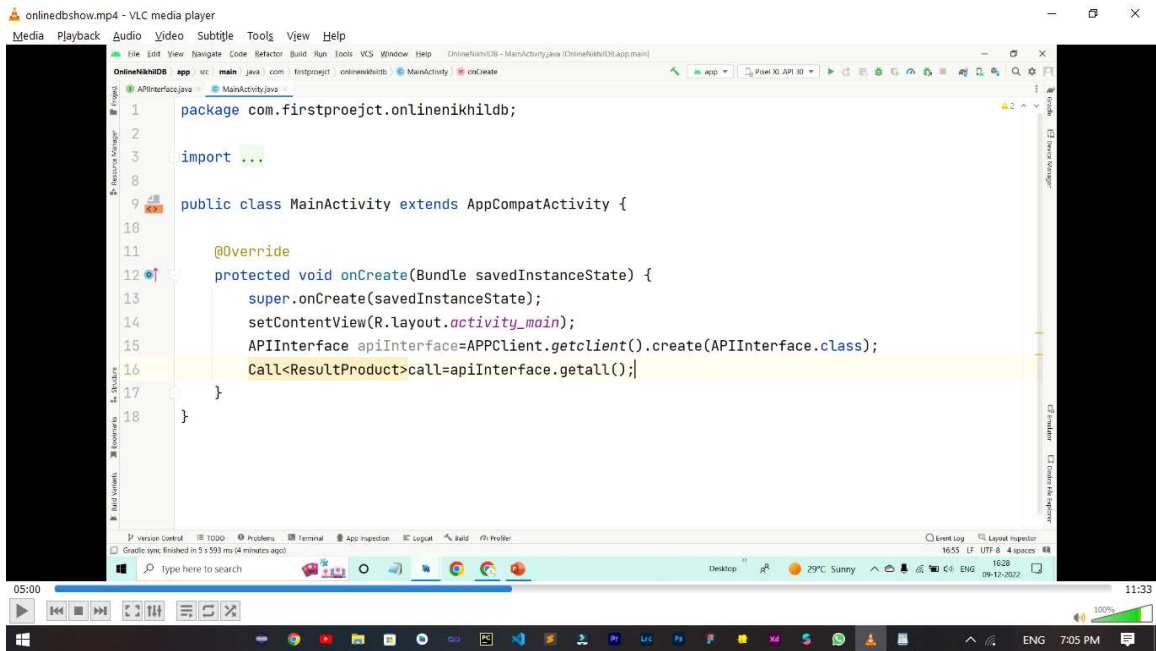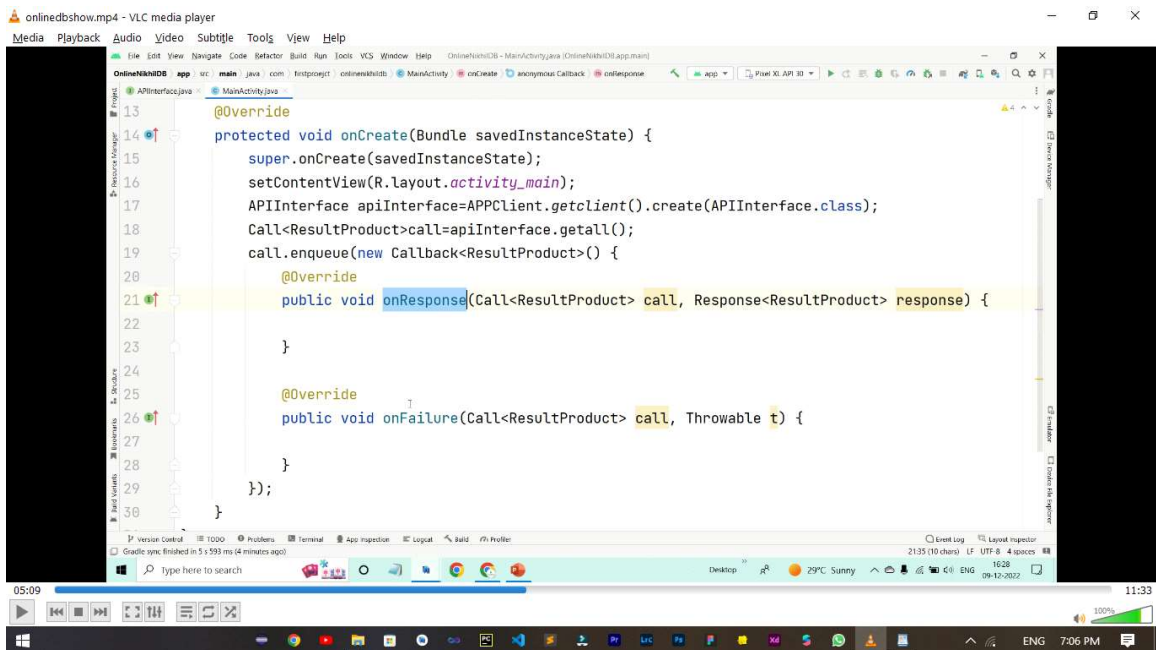
5. create APIInterface

6.create Call method

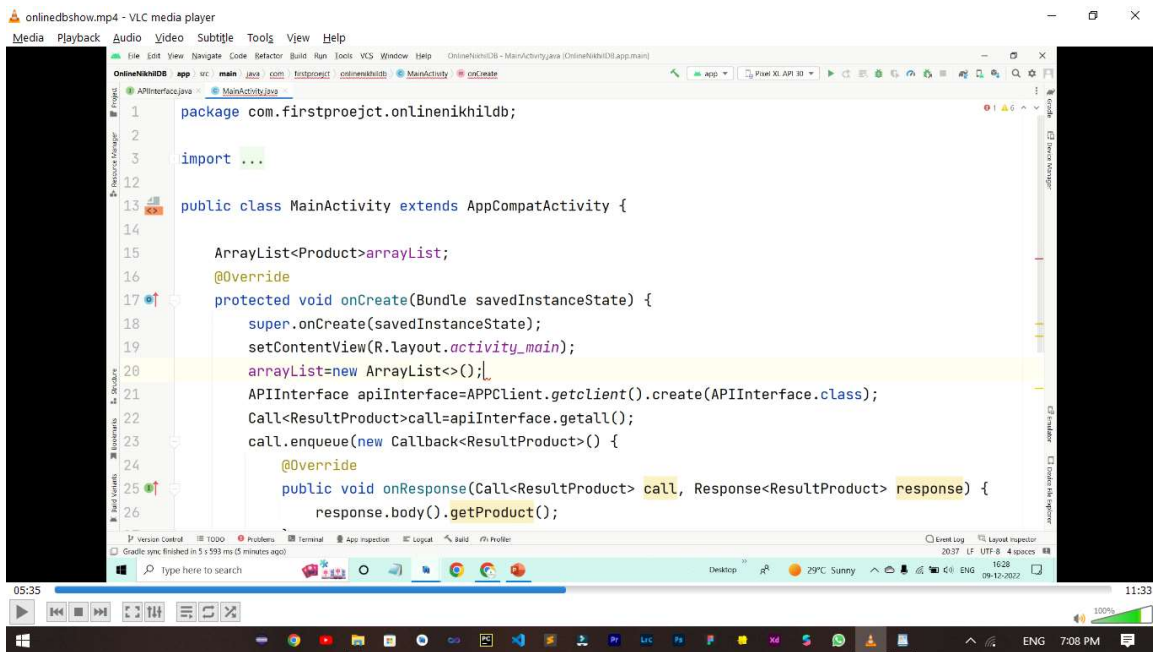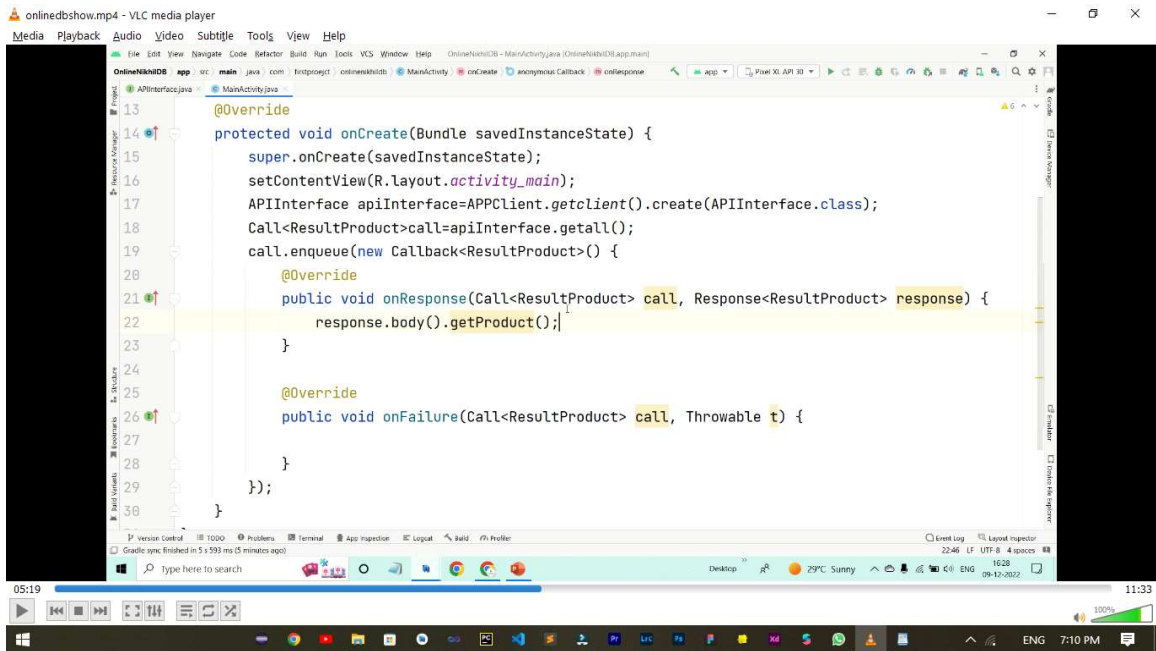# 7. api show karvane ke liye apiinterface call

8.call

9.enqueue

10. array ko create and initializ (getter setter metod)

11. reponse.body()
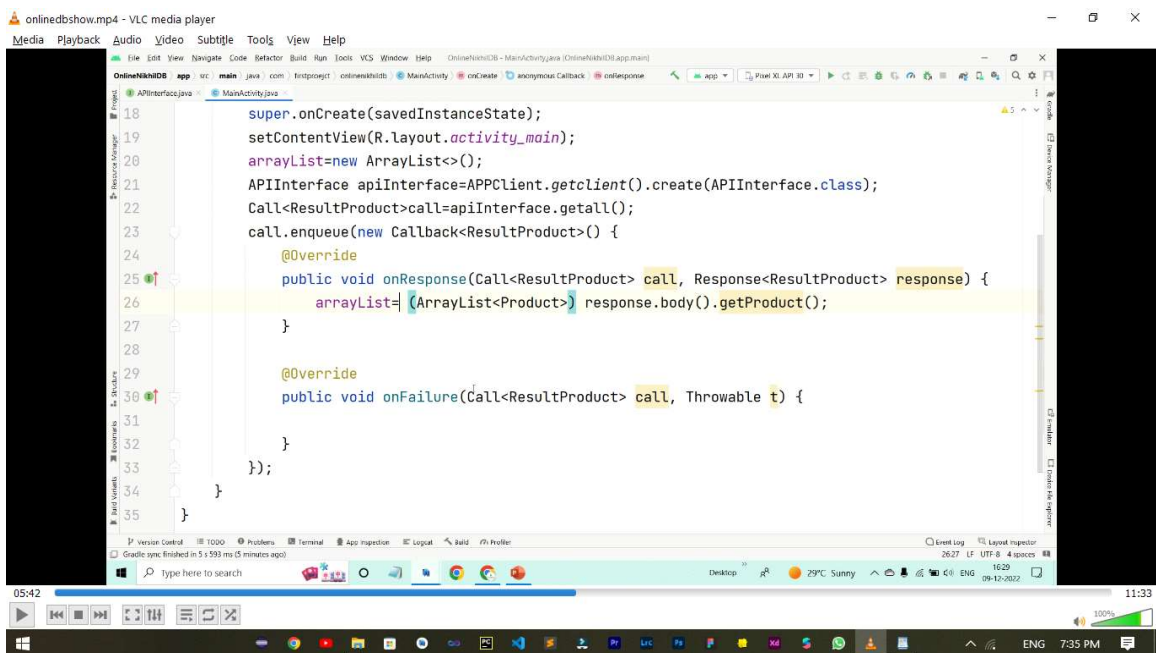
```java
@Override
protected void onCreate(Bundle savedInstanceState) {
    super.onCreate(savedInstanceState);
    setContentView(R.layout.activity_main);
    APIInterface apiInterface=APPClient.getclient().create(APIInterface.class);
    Call<ResultProduct>call=apiInterface.getall();
    call.enqueue(new Callback<ResultProduct>() {
        @Override
        public void onResponse(Call<ResultProduct> call, Response<ResultProduct> response) {
            response.body().getProduct();
        }

        @Override
        public void onFailure(Call<ResultProduct> call, Throwable t) {

        }
    });
}
```

```java
super.onCreate(savedInstanceState);
setContentView(R.layout.activity_main);
arrayList=new ArrayList<>();
APIInterface apiInterface=APPClient.getclient().create(APIInterface.class);
Call<ResultProduct>call=apiInterface.getall();
call.enqueue(new Callback<ResultProduct>() {
    @Override
    public void onResponse(Call<ResultProduct> call, Response<ResultProduct> response) {
        arrayList= (ArrayList<Product>) response.body().getProduct();
    }

    @Override
    public void onFailure(Call<ResultProduct> call, Throwable t) {

    }
});
}
}
```

ab json display ke liye

8

method

12. create custom adapter xml and java

13. adapter same hi rahe ga par constructor change hoga
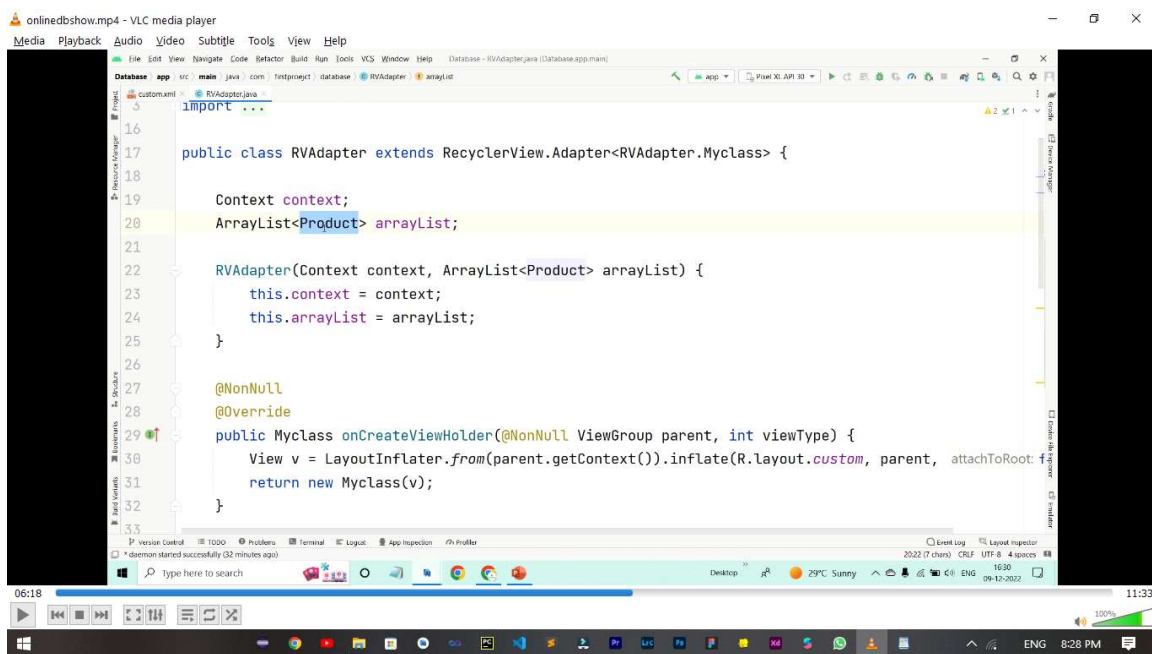
13.onbindviewholder data

set kare
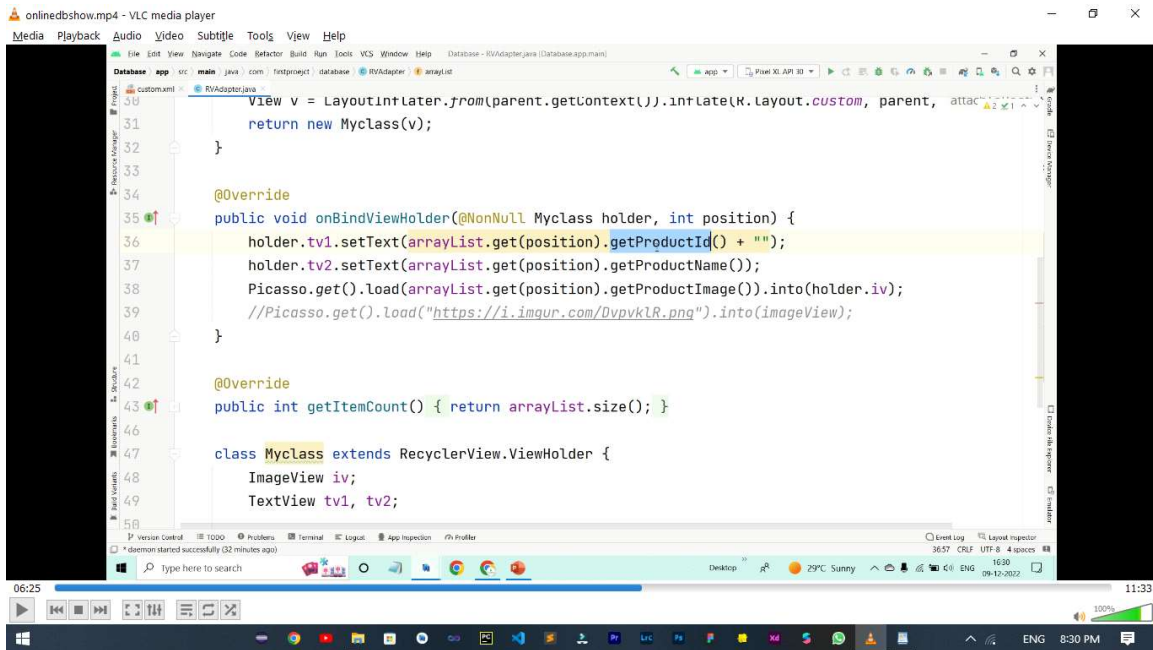
image show karne ke liye picasso library add kare

14. main.java mai RecyclerView difine and findbyid

15. set LinearLayoutmanager

```
public class MainActivity extends AppCompatActivity {

    ArrayList<Product>arrayList;
    RecyclerView recyclerView;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
        arrayList=new ArrayList<>();
        recyclerView=findViewById(R.id.rv);
        LinearLayoutManager linearLayoutManager=new LinearLayoutManager( context: this);
        recyclerView.setLayoutManager(linearLayoutManager);
        APIInterface apiInterface=APPClient.getclient().create(APIInterface.class);
        Call<ResultProduct>call=apiInterface.getall();
        call.enqueue(new Callback<ResultProduct>() {
            @Override
            public void onResponse(Call<ResultProduct> call, Response<ResultProduct> response) {
```

16. eneque mai adapter ko call kare
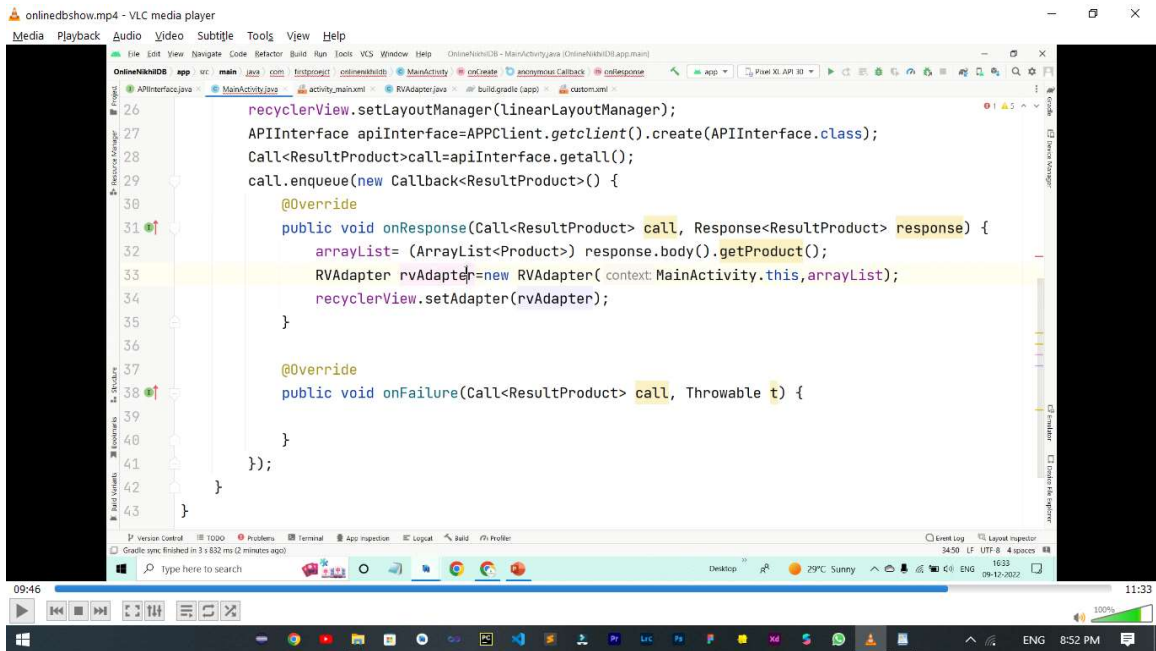
17.set internet permission
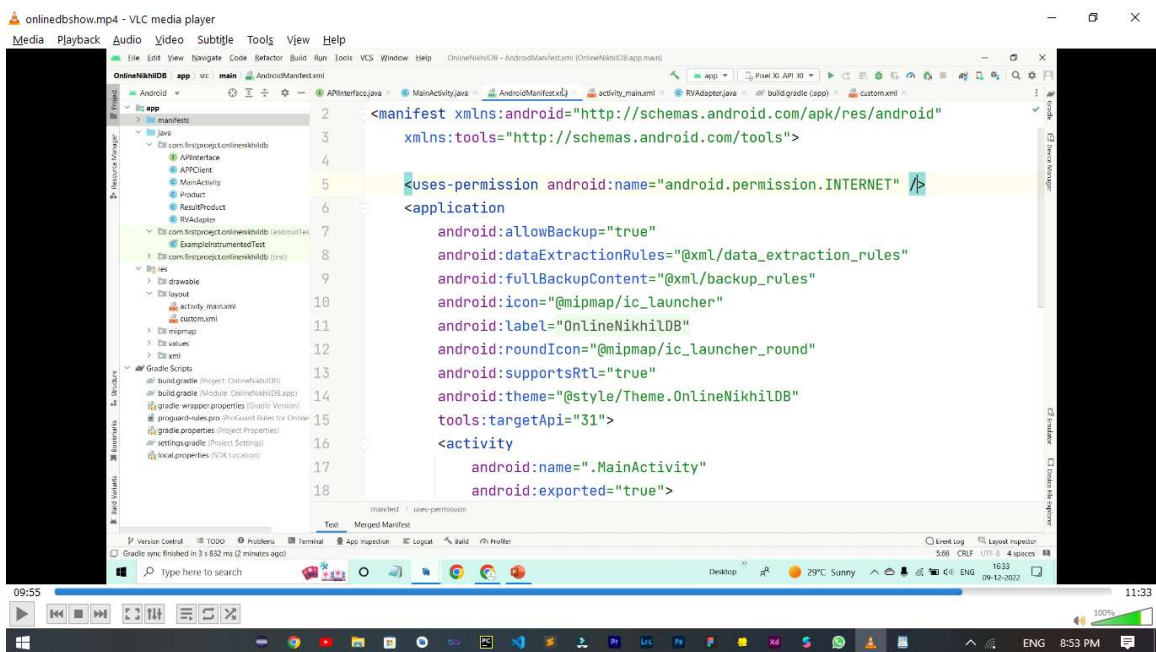
```
/* data insert ,update , check
ke liye  api interface  mai
change rahega

@FormurlEncoded
```
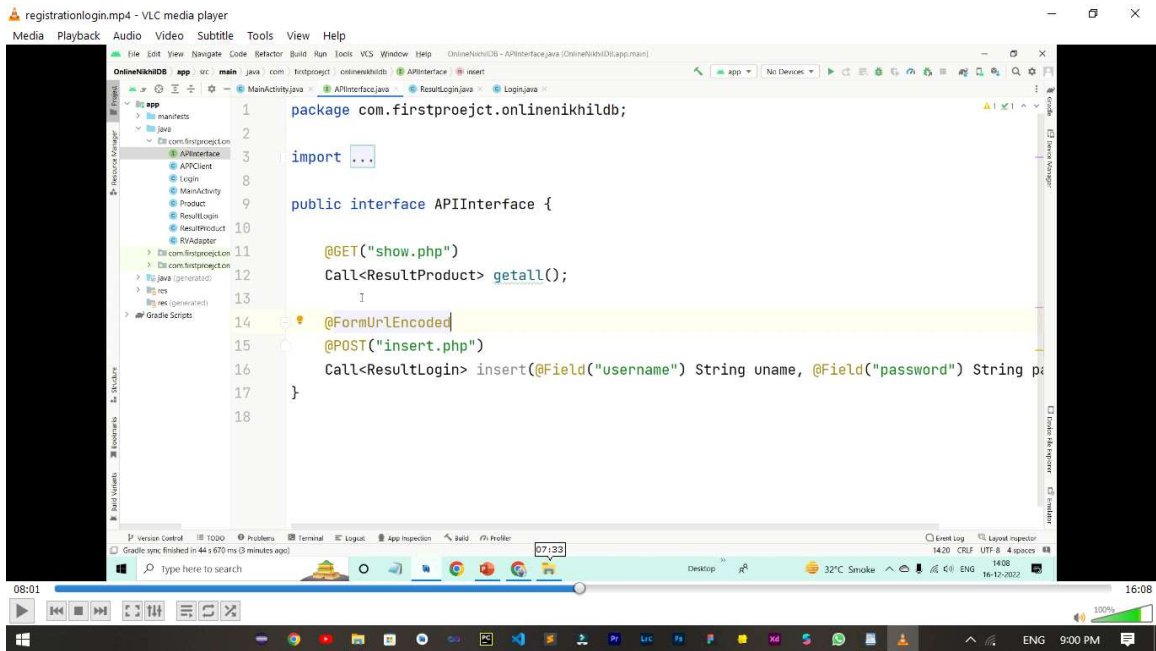
getstring se data get karna hoga or method mai parameter pass karna hoga

```java
protected void onCreate(Bundle savedInstanceState) {
    super.onCreate(savedInstanceState);
    setContentView(R.layout.activity_insert);
    btn1=findViewById(R.id.button);
    txt1=findViewById(R.id.txt1);
    txt2=findViewById(R.id.txt2);
    btn1.setOnClickListener(new View.OnClickListener() {
        @Override
        public void onClick(View v) {
            String name=txt1.getText().toString();
            String address=txt2.getText().toString();
            APIInterface apiInterface=APPClient.getclient().create(APIInterface.class);
            Call<ResultLogin>call=apiInterface.insert(name,address);
        }
    });
}
}
```